

Part B

Test Plan

Test Name	Test Type	Criteria Addressed	Nature of Test	Expected Result
A	Add new CAS experiences.	1	Users are able to enter data for an experience and save it for later access.	User is able to enter all data on the 'Add New Experience' screen and can view the data after saving.
B	View experiences added previously.	2	Selecting the 'Home' screen on the navigation menu.	The 'Home' screen displays a scrolling list with the title, date, strand and duration of each CAS experience that the user has added.
C	View experiences that they have previously added.	2	Tapping on one of the items in the list.	A new screen is shown which shows the details of the selected CAS experience.
D	View details of CAS opportunities near to their location.	3	Selecting the 'Near Me' option on the navigation menu.	The user is presented with a scrolling list of experiences that have been added near them, by default ordered by distance.
E	View details of CAS opportunities near to their location.	3	Selecting one of the experiences on the 'Near Me' screen.	The user is shown further details of the experience they selected, including the location on a map.
F	Choose to add their experience locations to the 'public map'.	6	When users press 'save' on the 'Add New Experience' screen.	The user is presented with an alert box asking if they want to add their experience to the public map.
G	Choose to add their experience locations to the 'public map'.	6	The user selects 'Yes' when asked whether to add	The user is taken to a screen where they can name the location and select

			to the public map.	the location on a map.
H	Edit the experiences that they have already added.	4	Pressing the field that you would like to edit from the 'view details' screen.	The user is able to edit each of the fields that are shown when they view details of previously added experiences.
I	Upload images with their CAS experiences.	5	User presses the 'Add Image' button on the 'Add New Experience Screen'	The user is able to select an image from their device's gallery, and then receives a notification when the image has been successfully uploaded to the server.
J	Access their account on any Android device using their email address and password.	8	User attempts to log in to the app, using the correct email address and password.	The app logs in and displays the details that are tied to that account.
K	Access their account on any Android device using their email address and password.	8	User attempts to log in using incorrect email and/or password.	The app does not log in, and displays an error message to the user explaining why it is unable to login.
L	Export their data to submit to school.	7	The user selects the 'Export' navigation menu option.	The user is taken to a screen showing instructions on how to export their data.
M	Export their data to submit to school.	7	The user presses the 'Export' button on the 'Export' screen.	The user receives a PDF file containing details of all of their CAS experiences.

Versioning

Version 1

The GUI is set up for all of the necessary screens however there is not yet any functionality.

Success Criteria Met: **None**

Target Completion Date: **24 August 2016**

Version 2

The Login/Registration system works correctly - frontend and backend.

Success Criteria Met: **8**

Target Completion Date: **3 September 2016**

Version 3

The Home Feed works, along with the sorting/searching features and the 'Add New'/'Edit' functions.

Success Criteria Met: **1, 2, 4, 5**

Target Completion Date: **26 September 2016**

Version 4

The location-based elements of the app including the 'Near Me' and 'Add to Map' sections are functional.

Success Criteria Met: **6, 3**

Target Completion Date: **24 October 2016**

Version 5

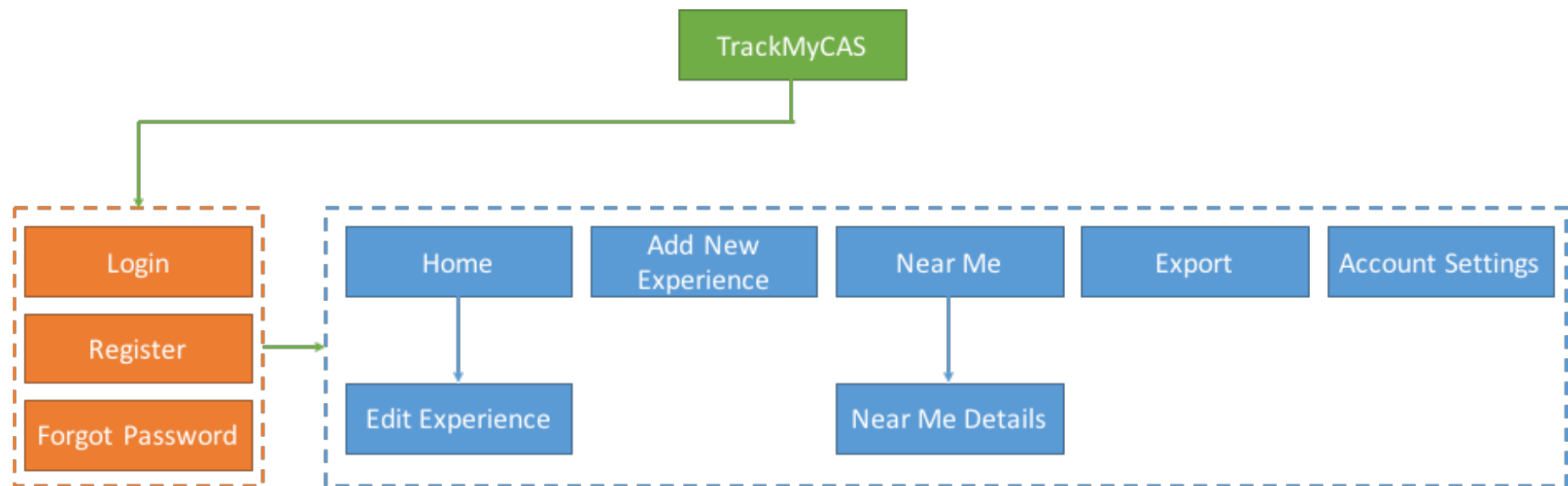
The export to PDF feature is completed and therefore this is the final version of the program.

Success Criteria Met: **7**

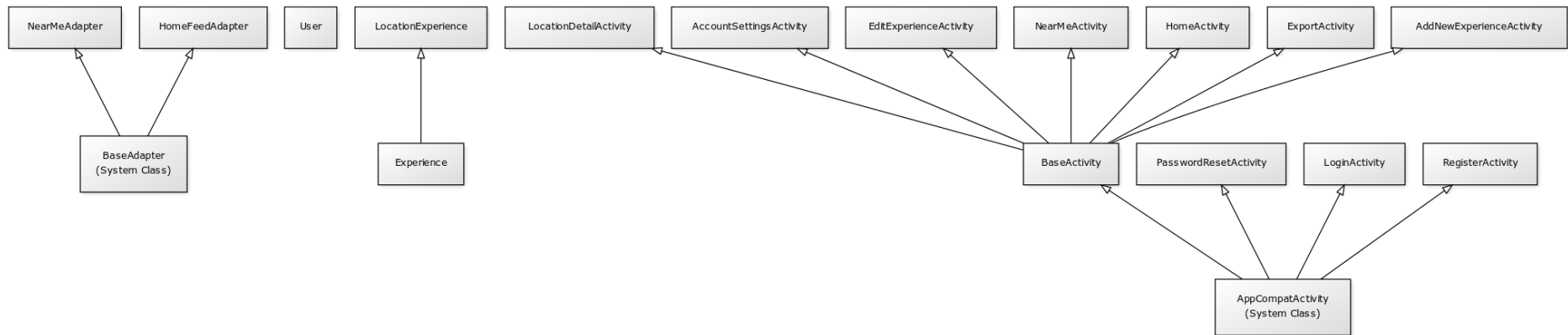
Target Completion Date: **10 November 2016**

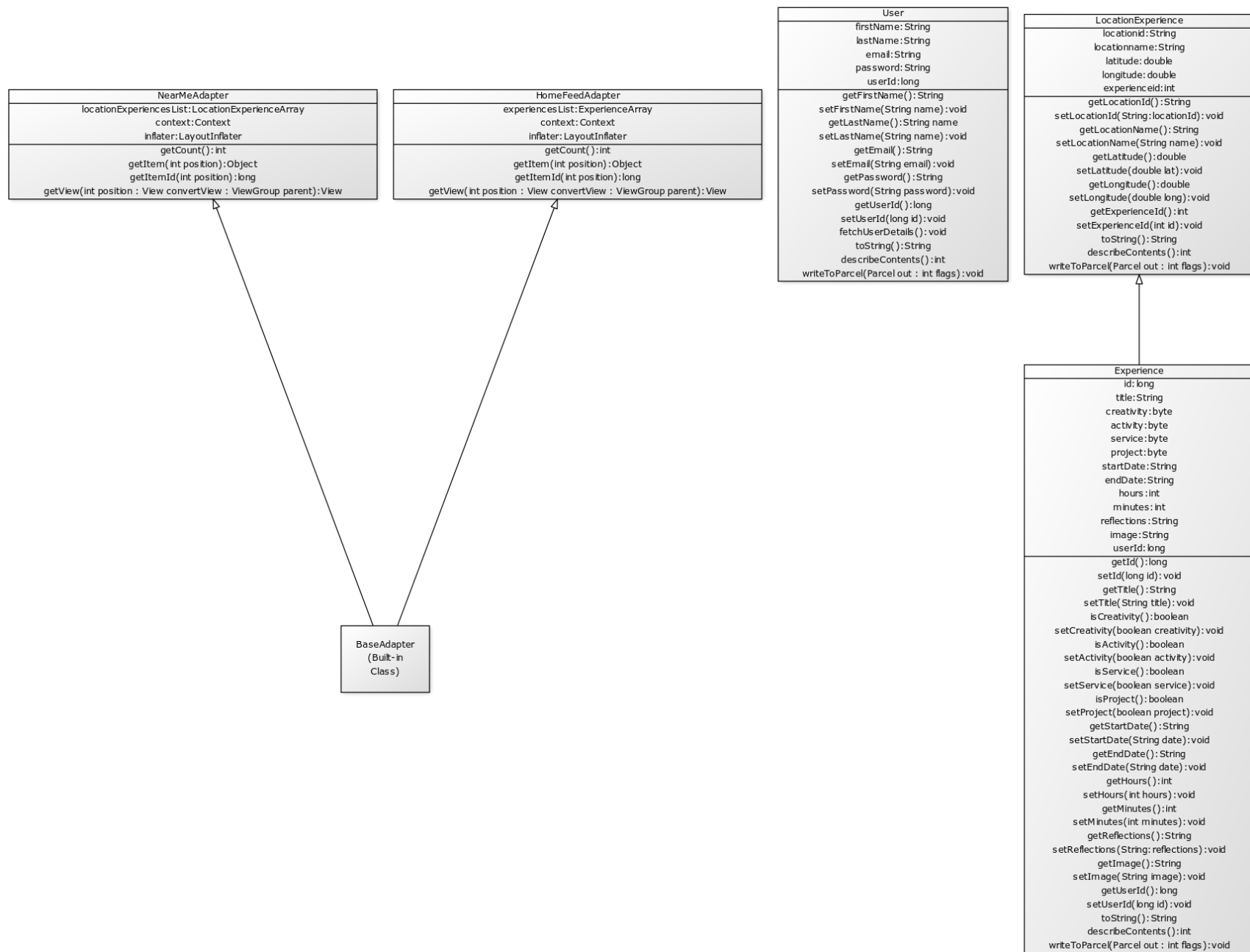
See Record of Tasks (ROT) for detailed breakdown of target completion dates.
See Appendix G for approval of versions with client.

Structure Chart



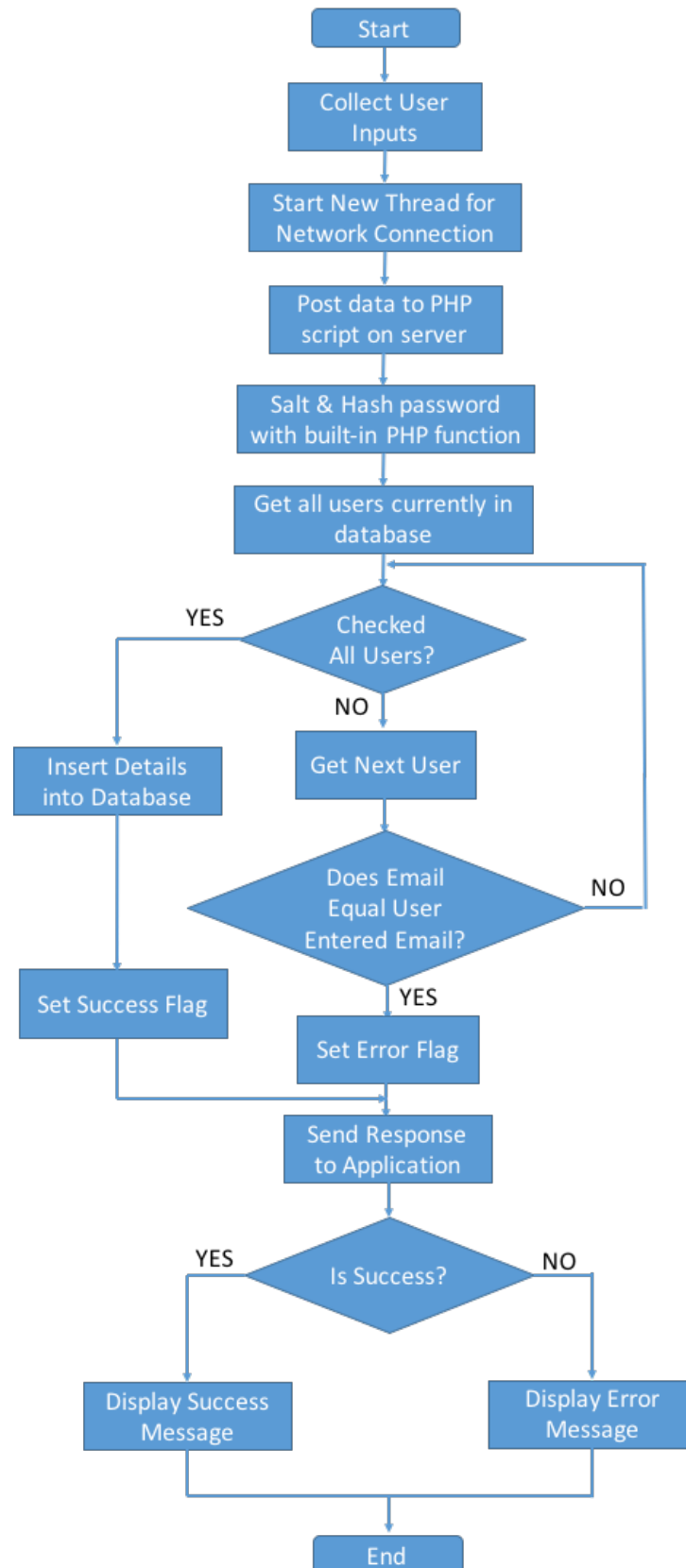
UML Diagrams



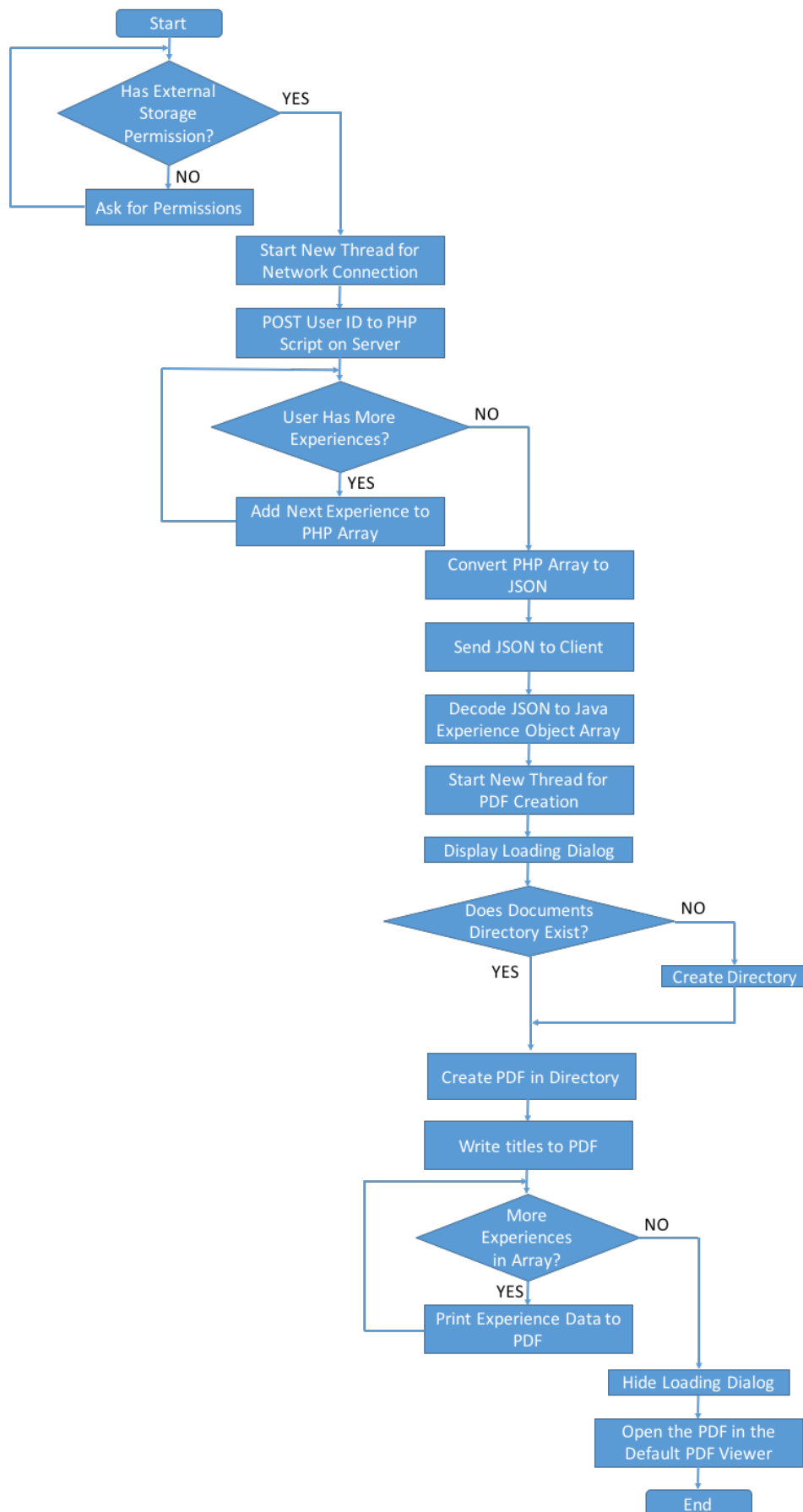


Flowcharts

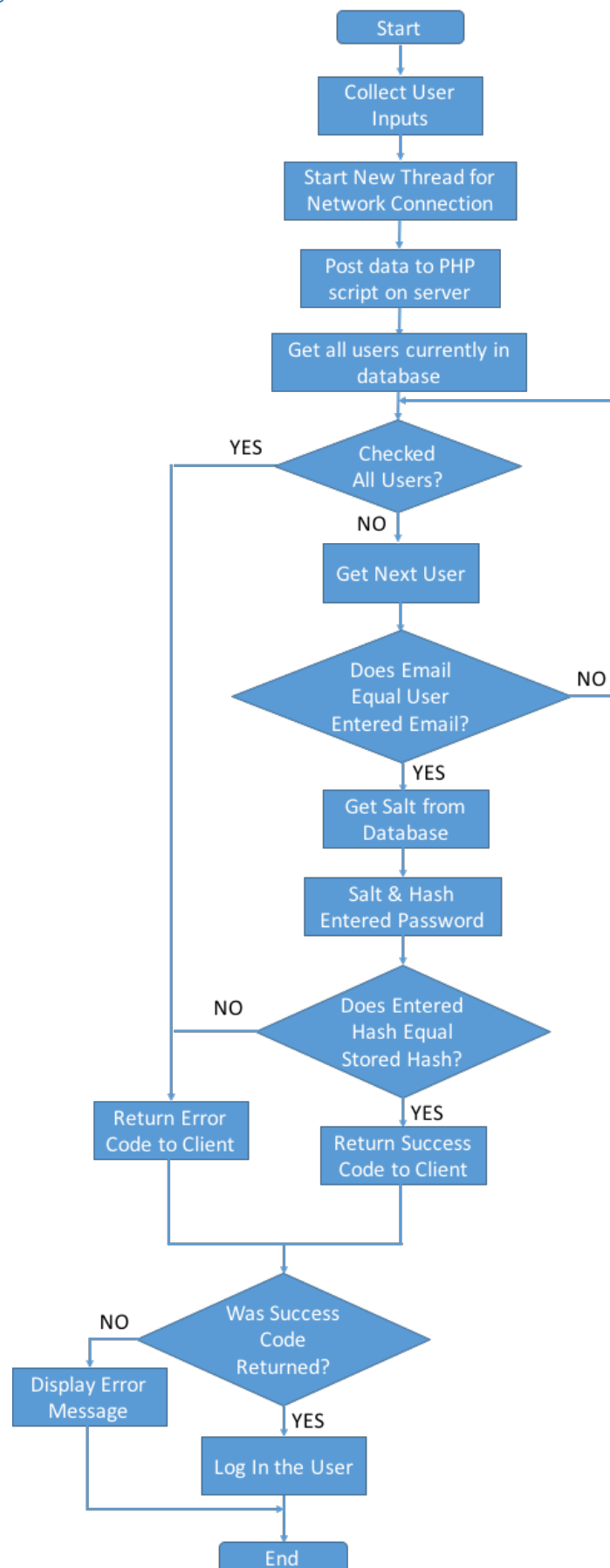
User Account Registration



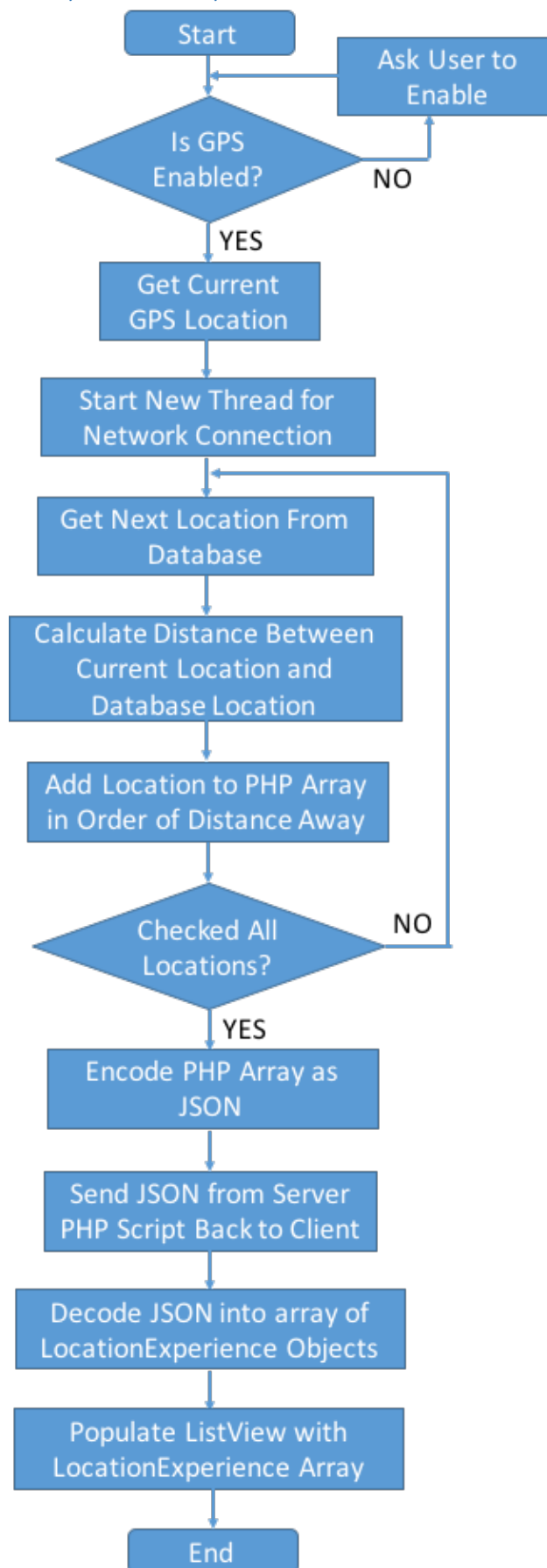
Exporting Data to PDF File



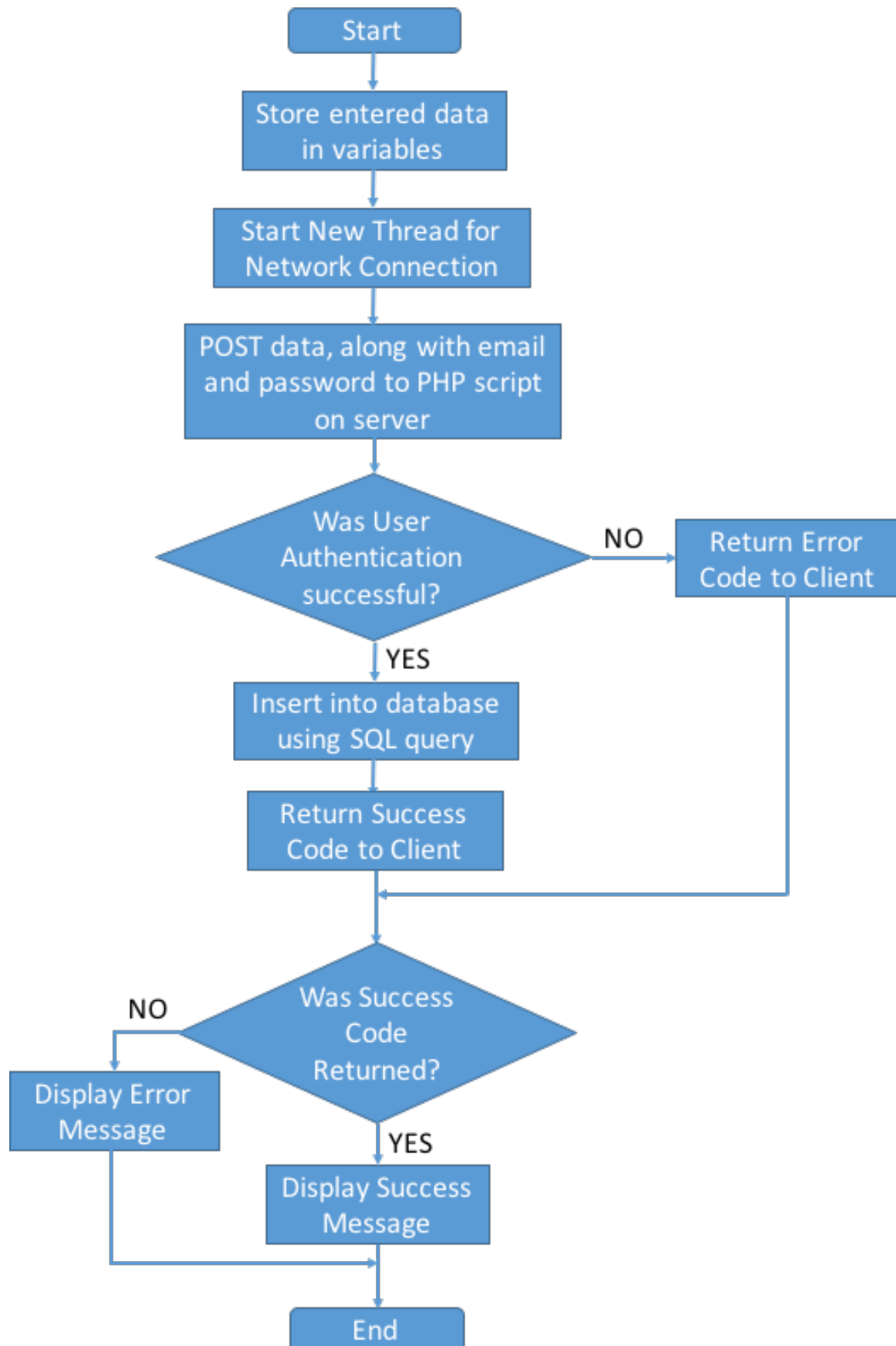
User Account Login



Showing Locations Nearby Ordered by Distance



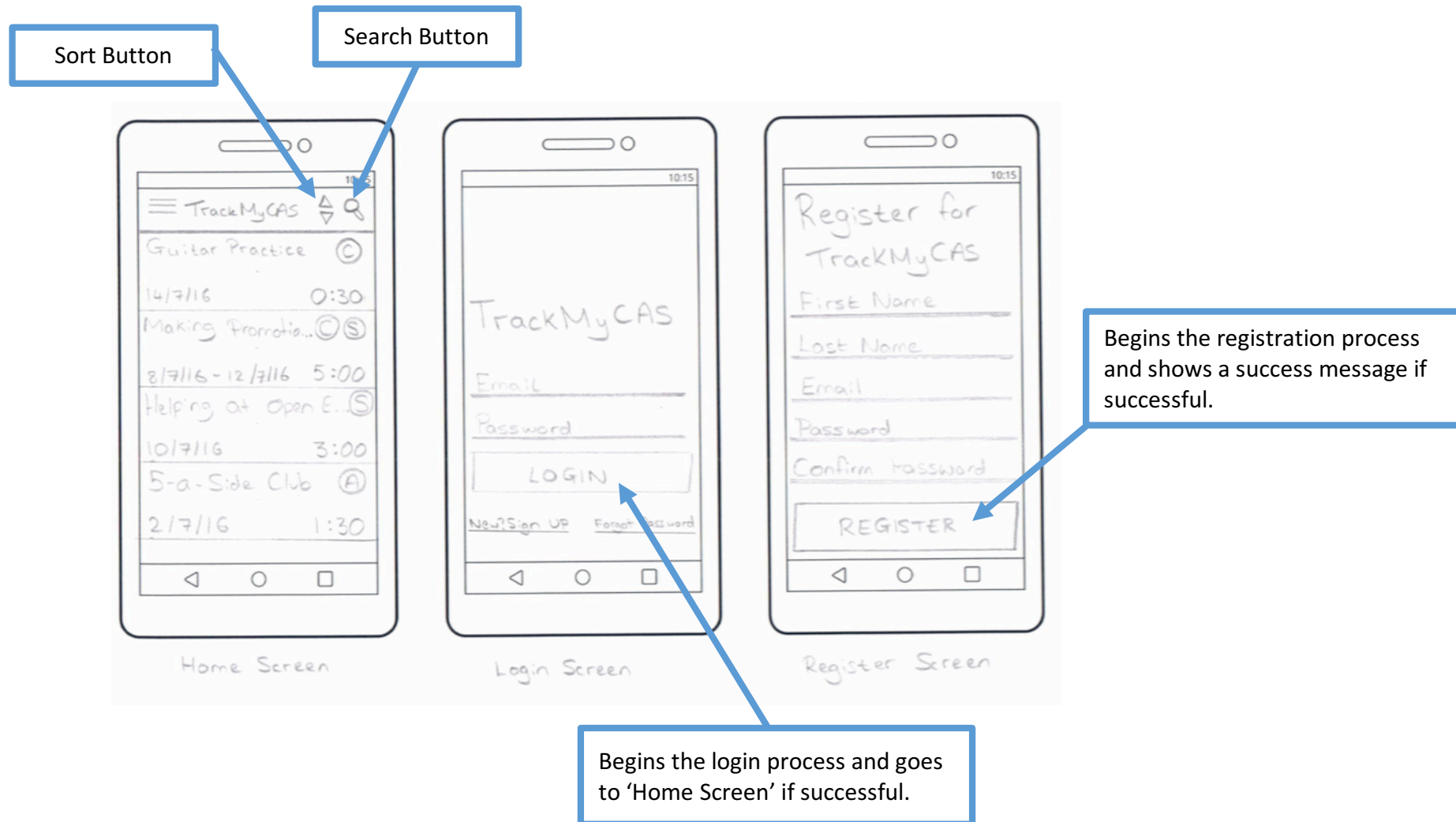
Adding a New Experience



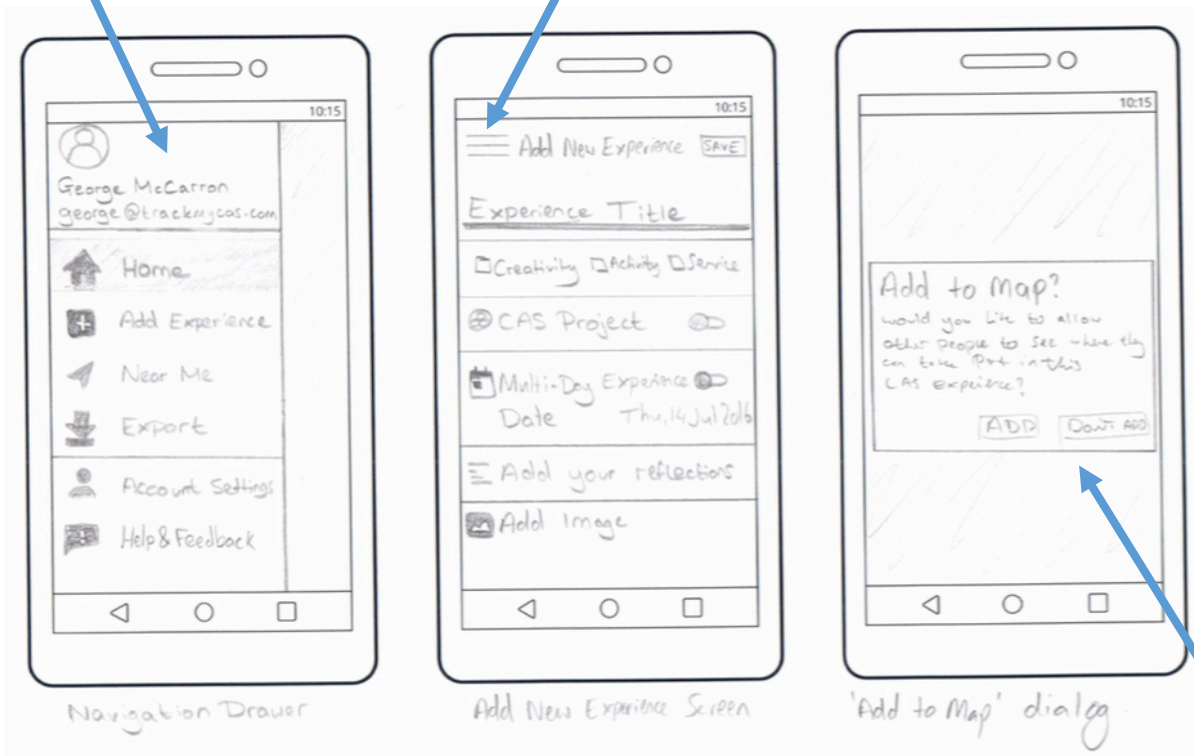
Uploading an Image



Graphical Visualisations of Output



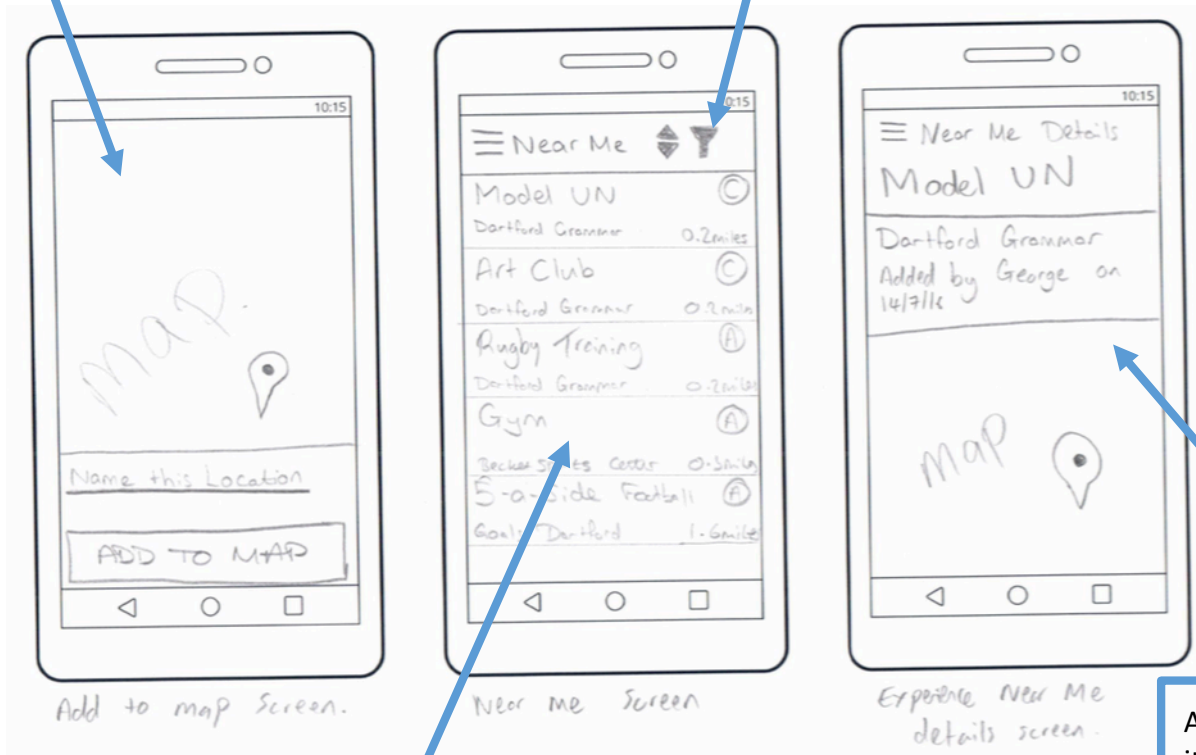
Sidebar appears when button clicked.



Appears after new experience is saved.

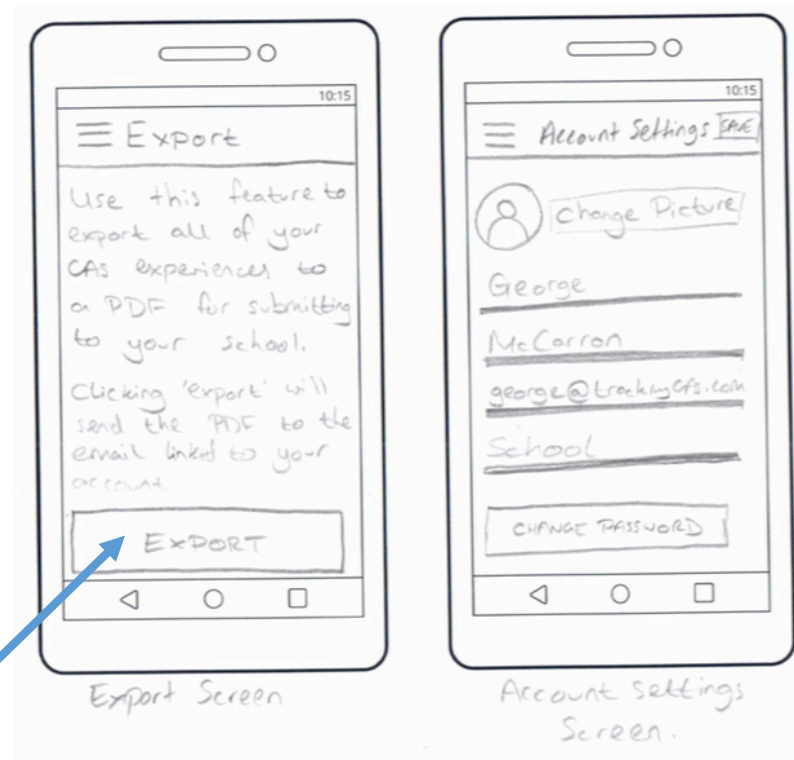
This screen is shown if the user selects to add their experience to the map.

Filter by type (Creativity/Activity/Service)



Default display in order of distance – Nearest first.

Appears if a user taps one of the items in the Near Me screen.



Clicking this generates a PDF version of all the user's experiences and emails it to them.

Word Count: 254